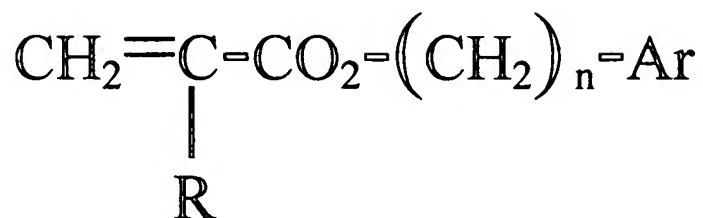


Figure 1: General Chemical Structure of the Aryl Acrylic Monomers of this Invention.

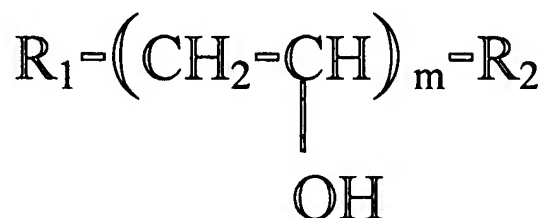


R: can be H or CH₃;

n: can be 0 to 7;

Ar: is aromatic ring with or without substituted functional groups such as O, S, NR, F, Cl, Br, I, OCH₃, alkyl groups (e.g., CH₃, CH₂CH₃, etc.)

Figure 2: General Chemical Structure of the Surface processed Biocompatible Hydrophilic Polymer of this Invention.



R₁ & R₂: are functional groups such as NR, F, Cl, Br, I, OCH₃, H, CH₃, CH₂CH₃, etc.

m: can be 10 to 1000;